



DELL Pro QCM1255 AMD Ryzen™ 5 PRO 8600GE 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

Brand : DELL

Product family: Pro

Product code: 38NC6

Product name : QCM1255

DELL Pro QCM1255. Processor frequency: 3.9 GHz, Processor family: AMD Ryzen™ 5 PRO, Processor model: 8600GE. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 760M. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 65 W. Chassis type: Micro PC. Product type: Mini PC. Weight: 1.39 kg. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	2
Processor family *	AMD Ryzen™ 5 PRO	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor generation	AMD Ryzen PRO 8000 Series	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor model *	8600GE	DisplayPorts quantity	1
Processor cores	6	DisplayPort version	1.4a
Processor threads	12	HDMI ports quantity *	1
Processor boost frequency	5 GHz	HDMI version	2.1
Processor frequency *	3.9 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	16 MB	Combo headphone/mic port	✓
Processor cache type	L3	DC-in jack	✓
Number of processors installed	1	Power adapter barrel connector	4.5 mm
Processor base power	35 W		
Neural processor unit (NPU)		Power	
Neural processor unit (NPU)	AMD Ryzen AI	Power supply *	65 W
NPU performance up to	16 TOPs	Power supply input voltage	100 - 240 V
Memory		Power supply input frequency	50/60 Hz
Internal memory *	16 GB	Design	
Maximum internal memory *	64 GB	Chassis type *	Micro PC
Internal memory type	DDR5-SDRAM	Placement supported	Horizontal/Vertical
Memory layout (slots x size)	1 x 16 GB	Cable lock slot	✓
Memory slots	2x SO-DIMM	Cable lock slot type	Kensington
Non-ECC	✓	Product colour *	Black
Memory data transfer rate	4800 MT/s		
Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	✗	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Number of storage drives installed	1	Display	
Total SSDs capacity	512 GB	Display included *	✗
Number of SSDs installed	1	Audio	
SSD capacity	512 GB	Audio chip	Realtek ALC3204
SSD memory type	TLC	Audio system	High Definition Audio
SSD interface	PCI Express		
NVMe	✓		
SSD form factor	M.2		

Graphics		Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	10 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	20 - 80%
On-board GPU manufacturer	AMD	Storage relative humidity (H-H)	5 - 95%
On-board graphics card family	AMD Radeon	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	AMD Radeon 760M	Non-operating altitude	-15.2 - 10668 m
Performance		Operating vibration	0.26 G
Motherboard chipset	AMD PRO 665	Non-operating vibration	1.37 G
Trusted Platform Module (TPM)	✓	Operating shock	40 G
Product type *	Mini PC	Non-operating shock	105 G
Trusted Platform Module (TPM) version	2.0	Weight & dimensions	
Audio output channels	4.0 channels	Width *	36 mm
Built-in speaker(s)	✓	Depth *	178 mm
Network		Height *	182 mm
Ethernet LAN *	✓	Weight *	1.39 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Packaging content	
Cabling technology	10/100/1000Base-T(X)	Cables included	AC
Wi-Fi *	✓	Sustainability	
Top Wi-Fi standard	Wi-Fi 7 (802.11be)	Doesn't contain	PVC/BFR
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be)	Carbon footprint	
WLAN controller manufacturer	MediaTek	Total carbon footprint (kg of CO2e)	92.7
WLAN controller model	MediaTek MT7925	Carbon emissions, manufacturing (kg of CO2e)	46.54
Antenna type	2x2	Carbon emissions, logistics (kg of CO2e)	2.22
Antenna design	Internal	Carbon emissions, energy usage (kg of CO2e)	43.48
Bluetooth	✓	Carbon emissions, end-of-life (kg of CO2e)	0.46
MU-MIMO	✓	PAIA version	GaBi version 1, 2024



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